

MayaUPS Product Overview

One view of every UPS brand you run, on your own Windows or Linux server

Mixed fleets Your supported APC, Eaton, Vertiv/Liebert, XPC, Tripp Lite, Delta and CyberPower units, together on one screen.	On your infrastructure MayaUPS runs on your own Windows or Linux servers, and the data stays there with it.	Pricing by quote Licensing is quoted per deployment: one annual subscription, unlimited MayaUPS licences and usage, priced in writing for your fleet.
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MayaUPS gives facility and IT teams a consistent view of supported UPS systems, power distribution units, transfer switches and environmental sensors. It collects status and alarm data, retains operating history, organizes notifications and supports carefully commissioned shutdown actions without tying the site to one equipment manufacturer.

For: IT operations, facilities teams, service providers and organizations that manage UPS equipment at one or more Canadian sites.

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What MayaUPS does

MayaUPS is a local monitoring application for supported uninterruptible power supply equipment. It replaces separate manufacturer utilities with one browser-based operating view while retaining the device-specific data needed for useful alarms, battery planning and troubleshooting.

The application is designed for mixed fleets and staged deployment. A team can start with read-only monitoring, confirm device identities and alarm behaviour, then add notifications or approved control actions after commissioning.

- Current operating state, load, input and output measurements, runtime and battery condition where the device exposes them.
- Active alarms, manufacturer fault text and event history for faster triage.
- Historical trends, fleet summaries, CSV export and reporting for recurring review.
- Battery installation dates, expected service life, maintenance dates and replacement planning.
- Grouped email notifications, escalation and return-to-normal messages.

Connections and supported equipment

Network-connected equipment is monitored through SNMP v1, v2c or v3. MayaUPS uses the standard RFC 1628 UPS information model where it is available and adds supported manufacturer data for richer status and alarm coverage. Exact information depends on the UPS model, network management card and firmware.

A separate authenticated agent can be used for supported UPS systems connected directly to a host by USB-HID or Megatec/Q1 serial communication.

Typical network monitoring path



The application and its data remain on infrastructure controlled by the customer. Network design, access rules and remote connectivity remain customer decisions.

Functions for day-to-day operation

Area	What operators can do
Status and alarms	See device availability, current values, active alarms and supported manufacturer fault text from one fleet view.
History and export	Review trends and events, compare recent behaviour, and export selected data to CSV for analysis or records.
Batteries and maintenance	Record installation dates and service notes, track expected life and next maintenance, and plan replacement work.
Notifications	Group related alarms by site, send email to assigned recipients, escalate unresolved conditions and confirm return to normal.
Reports and budgets	Prepare recurring fleet summaries and use device and battery records to support maintenance and replacement budgets.
Controlled actions	Test shutdown triggers without taking action, verify the sequence, then enable the approved automatic response for commissioned devices and hosts.

Available measurements and controls vary by equipment. Compatibility is confirmed against the exact model, management card and firmware.

Deployment choices

Component	Deployment approach
Windows	Install MayaUPS as a Windows service and use the local browser interface for administration and operations.
Linux	Run the service under systemd or in a supported Docker deployment, according to the site's operating standard.
Direct-attached UPS	Install the optional host agent when a supported UPS uses USB-HID or Megatec/Q1 serial communication.
Data	Store configuration, history and audit information locally in the embedded SQLite database, with backup and restore controls.

Compatibility and commissioning

A manufacturer name alone is not enough to confirm compatibility. The exact UPS model, network card, firmware and exposed management objects determine which measurements, alarms and controls are available. MayaUPS includes device discovery and identity tests to support this review.

Monitoring can be introduced first without enabling control actions. Email routing, alarm thresholds, maintenance records and shutdown logic should be reviewed against the site's operating responsibilities before they are put into service.

Confirm the exact device, card and firmware during commissioning. A supported manufacturer or product family does not guarantee that every measurement or command is available on every model.

Evaluation checklist

- List the UPS models, management cards, firmware and directly attached equipment in scope.
- Identify which measurements, alarm details and historical records each operating team needs.
- Confirm who owns device communication, alarm response, maintenance records and protected hosts.
- Choose the Windows or Linux host, backup location, access model and management network.
- Plan read-only monitoring first, followed by notification tests and any separately approved control actions.

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This overview summarizes MayaUPS functions for product evaluation. It is not an as-built design, compatibility approval or site commissioning procedure.